Remarks

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Release notes with changes since version 9.0.0.

Upgrade notes when upgrading from 9.0.0: Ensure to install the new mandatory extension,
WorkitemFinder, on your Appway instance. See the entry on the WorkitemFinder extension 3.0.0
in these Release Notes for further details.

For upgrade information when upgrading to Appway 9.0 from Appway 8.1.x, see the 'System
Upgrade: 8.1 to 9.x' article:
https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847

For new Appway 9 installations, see the Installation Guide:
https://community.appway.com/screen/kb/article/system-installation-appway-9-1736030944029

For information on Known Issues in Appway 9, see:
https://community.appway.com/screen/kb/article/appway-9-known-issues-1756745073316

For documentation of new and existing features, see the Appway Knowledge Base at:
https://community.appway.com/screen/kb

For an overview of the documentation of new Appway 9 features, see:
https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#36-
adopting-new-features

For information on deprecated and removed features in Appway 9, see:
https://community.appway.com/screen/kb/article/feature-removal-and-deprecation-with-appway-9-0
-1710706195381

For information on the Appway product lifecycle, see:
https://community.appway.com/screen/kb/article/appway-releases-product-lifecycle-and-end-of-
support-1753664569425
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Appway Platform (Core)

Feature

Area	Importance	Description
Licensing Report	Medium	The 'Installed Packages' section has been added to the Licensing Report, which lists all Appway Packages installed on the system (with the exception of Platform Packages).
Security	Low	The configuration property 'nm.security.http.x-appway-headers.enabled' has been introduced to enable/disable Appway's custom HTTP response headers like 'X-Appway-Version'. The default value 'true' ensures backward compatibility. If set to 'false', Appway no longer generates custom HTTP response headers starting with 'X-Appway-'. Consider that some external tools depend on the presence of those HTTP headers which, therefore, need to be enabled if such tools are used.

Change

Area	Importance	Description
Access Policies	Medium	In case an Access Policy cannot be evaluated, an ERROR message is added to the logs indicating that this issue needs to be fixed before upgrading to Appway 10 to ensure continued access through this Access Policy.
Namespaces	Low	Two new namespaces, 'Migration' and 'SSL', are reserved for Appway internal usage and, therefore, cannot be used as Package IDs.
Platform Packages	High	In new versions of 'Process' Platform Packages, the 'Process:ListProcessTokenIDs' Script Function uses Data Classes from the WorkitemFinder Extension instead of the Inbox Extension.
Statistic collection	Low	The collection of statistics governed by the following system properties is now enabled by default, as the properties are set to true: 'nm.functioncallstatistics.enabled', 'nm.screenstatistics.enabled', 'nm.statistics.cpu.enabled', 'nm.statistics.io.enabled'. Moreover, the 'nm.cpustatistics.enabled' property has been removed, as it was redundant.

Bugfix

Area	Importance	Description

Icons	Low	Fixed an issue where SVG icons contained in legacy-styled Screen Components incorrectly showed a tooltip when hovering over them.
Integration Links	Low	Fixed an issue in the Integration Link 'Preview' tab where Package and Business Object visibility was not correctly handled in the 'Message Body' Script Editor.
Overriding Translations	Low	Fixed an issue where the CSV file exported from the 'Solution Design' >'Translation' tab created an empty column when a language was in the system but not selected on the table.
Overriding Translations	Medium	The 'Overriding Translations' table now also shows deleted and uncommitted 'Label' Business Objects, as well as deleted Packages or 'Label' Business Objects that have an overriding translation available.
Package Versioning	Medium	Fixed an issue where leaving an empty digit when entering a new Package version number did not trigger an error until the end of the process.
Process Editor	Low	Fixed an issue which caused the 'Export to Sub-Process' action to fail for embedded Sub-Processes.
Script Editor	Low	Fixed an issue that made the Script Editor unresponsive when using the cursor key to scroll through long scripts.
Script Language	Medium	Autocompletion now also works for namespaced functions. Therefore, if you type 'user:', all the functions in the namespace 'User' are shown.
Threads	Low	Fixed an issue where aw.event.user threads were not stopped correctly during shutdown.

Appway Extensions

Feature

Area	Importance	Description
Extension	Medium	Functions Extension 5.0.6: - Feature: Added the Cluster:IsLocalKey function which checks if the provided key is owned by the local node. - Feature: Added the Ssl:ListTrustStoreAliases function which retrieves a list of trust store aliases. - Bugfix: Data Logic: The GetDataContext function now includes the End Data Task controls in the correct property of the returned DataContext instance. - Bugfix: Data Logic: Fixed an issue causing the SetDataContextPrimitiveValue, RemoveDataContextCollectionElement, and EndDataTask functions to fail with an exception. Note: Version 5.0.6 of the Functions extension requires Appway 9.0.1 or higher.
Extension	High	WorkitemFinder Extension 3.0.0: The new WorkitemFinder extension is a mandatory extension with Appway 9 and must be installed with every Appway instance. The extension provides out-of-the-box filters as well as sorting, paging, and text-based searching capabilities for Workitems. Note for users upgrading from Appway 8: The WorkitemFinder extension replaces the Inbox extension with Appway 9. However, to ensure backwards-compatibility with existing Solutions, install the Inbox extension on your Appway 9 instance as well. Depending on your use of the Inbox extension, it can be necessary to perform migration steps before you can remove the Inbox extension from your Appway instance. For more details, see the Appway 9 System Upgrade article: https://community.appway.com/screen/kb/article/system-upgrade-8-1-to-9-x-1747176546847#35-removing-dependencies-on-the-inbox-extension

Change

Area	Importance	Description
Extension	Low	Inbox Extension 2.1.2: - Change: Added the following previously missing methods for the WorkflowTokenStatusUtil Primitive Type: getSuspendedStatusCode(), getOutgoingStatusCode(), and getReadyStatusCode(). - Bugfix: Fixed an issue where the GetInboxWorkitemsFunction function with the

		indexing.enabled property set to true logged several warning messages when passing the WorkitemAdvancedBaseFilter filter. Indexing now also works correctly.
Extension	Low	WorkitemFinder Extension 3.0.1: - Change: Added the following previously missing methods for the WorkflowTokenStatusUtils Primitive Type: getSuspendedStatusCode(), getOutgoingStatusCode(), and getReadyStatusCode().

Bugfix

Area	Importance	Description
Extension	Low	Business Data Storage Extension 1.1.1: - Bugfix: Fixed an issue where the Script Function validation tool reported Data Classes as non-stored in the Business Data Storage although they were actually stored. - Bugfix: Missing non-unique indexes have been added to bridge/collection tables for the source_id column in order to speed up read/write operations.
Extension	Low	Component Extension 9.0.1: - Bugfix: Show as Popup Action: Fixed an issue that caused popups not to be displayed when their triggers were inside a styled 'Info Table' Screen Component. - Bugfix: Form Screen Component: Fixed an issue where the yellow dots indicating an inconsistency were displayed for the wrong fields.